

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
UV-43APPLN. NO.  
09/034,934SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTSAPPLICANTS  
Michael D. Ellis et al.CONFIRMATION. NO.  
4014FILING DATE  
March 4, 1998GROUP ART  
2611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LP	4,081,753	03/28/78	Miller	325	396	
	4,170,782	10/09/79	Miller	358	84	
	4,271,532	06/02/81	Wine	455	186	
	4,367,559	01/04/83	Tults	455	186	
	4,375,651	03/01/83	Templin et al.	358	191.1	
	4,381,522	04/26/83	Lambert	358	86	
	4,390,901	06/28/83	Keiser	358	147	
	4,425,579	01/10/84	Merrell	358	86	
	4,429,385	01/31/84	Cichelli et al.	370	92	
	4,495,654	01/22/85	Deiss	455	151	
	4,527,194	07/02/85	Sirazi	358	86	
	4,641,205	02/03/87	Beyers, Jr.	360	33.1	
	4,689,022	08/25/87	Peers et al.	434	307	
	4,754,326	06/28/88	Kram et al.	364	900	
	4,908,713	03/13/90	Levine	358	335	
	4,963,994	10/16/90	Levine	358	335	
	5,038,211	08/06/91	Hallenbeck	358	142	
	5,047,867	09/10/91	Strubbe et al.	358	335	
	5,075,771	12/24/91	Hashimoto	358	84	
	5,210,611	05/11/93	Yee et al.	358	191.1	
	5,317,403	05/31/94	Keenan	348	731	
	5,323,240	06/21/94	Amano et al.	348	731	
	5,432,561	07/11/95	Strubbe	348	565	
	5,444,499	08/22/95	Saitoh	348	734	
	5,465,385	11/07/95	Ohga et al.	455	6.1	
	5,477,262	12/19/95	Banker et al.	348	7	
	5,481,296	01/02/96	Cragun et al.	348	13	
	5,483,278	01/09/96	Strubbe et al.	725	61	

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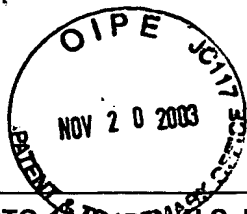
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7/22/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.

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✓	5,534,911	07/09/96	Levitan	348	1	
	5,600,364	02/04/97	Hendricks et al.	348	1	
	5,617,565	04/01/97	Augenbraum, et al.	395	604	
	5,621,456	04/15/97	Florin et al.	348	7	
	5,694,176	12/02/97	Bruette et al.	348	563	
	5,731,844	03/24/98	Rauch et al.	348	563	
	5,752,160	05/12/98	Dunn	455	5.1	
	5,774,357	06/30/98	Hoffberg et al.	364	188	
	5,801,747	09/01/98	Bedard	348	1	
	5,822,123	10/13/98	Davis et al.	348	564	
	5,848,396	12/08/98	Gerace	705	10	
	5,867,226	02/02/99	Wehmeyer	725	46	
	5,880,768	03/09/99	Lemmons et al.	348	1	
	5,903,545	05/11/99	Sabourin, et al.	370	225	
	6,075,526	06/13/00	Rothmuller	345	327	
	6,088,722	06/11/00	Herz et al.	709	217	
	6,216,264	04/10/01	Maze et al.	725	53	
	6,437,836	08/20/02	Huang et al.	348	734	
	6,505,348	01/07/03	Knowles et al.	725	49	
✓						

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
✓	1 554 411	10/17/79	GB	H04B	3/54	—	—
	EP 0 774 866 A2	05/21/97	EPO	H04N	5/44	—	—
	WO 86/01359	02/27/86	PCT	H04N	5/445	—	—
	WO 89/03085	04/06/89	PCT	G06F	7/04	—	—
	WO 94/13107	06/09/94	PCT	H04N	7/16	—	—
	WO 95/28799	10/26/95	PCT	H04N	1/00	—	—

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7/24/07

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4	WO 96/17473	06/06/96	PCT	H04N	5/445		
	WO 96/41478	12/19/96	PCT	H04N	7/173		
	WO 98/26584	06/18/98	PCT	H04N	5/445		
	WO 98/48566	10/29/98	PCT	H04N	5/445		
	WO 99/01984	01/14/99	PCT	H04N	7/173		
	WO 99/45701	09/10/99	PCT	H04N	5/445		
	WO 00/04708	01/27/00	PCT	H04N	5/445		
	WO 00/05889	02/03/00	PCT	H04N	7/16		
	WO 00/28734	05/18/00	PCT	H04N	5/445		
	WO 99/14947	02/28/02	PCT	H04N	5/445		

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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All references have been considered.

Examiner

EXAMINER

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7/02/04

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